

# High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Sciences Education

Pathway: Drafting/CAD

Region: Central	District:	School:	<b>College/Institution: Snow College</b> Articulation Agreement in place? Yes <b>Name of Degree or Certificate: Associate of Applied Science          Drafting Technology</b>
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High School				College		
Course Number	High School Suggested Academic Courses	H.S. Credit	College Credits	Course Number	College General Education Requirements	College Credits
	<b>Communication Requirement:</b>	<b>1</b>	<b>3</b>		<b>Communication Requirement: (Choose One)</b>	<b>3</b>
				BMGT 1270	Sales and Customer Service (3)	
				BUED 2200	Business Communication (3)	
ENGL 1010	English 1010 *			ENGL 1010	Introduction to Writing (3)	
				ENGL 1410	English Mechanics (3)	
	<b>Computation Requirement:</b>	<b>1</b>	<b>4</b>		<b>Computation Requirement: (Choose One)</b>	<b>3-4</b>
MATH1050	College Algebra *			MATH 1050	College Algebra (4)	
Math 1010	Algebra *			MATH 1010	Algebra (4)	
				BMGT 1320	Applied Business Math (3)	
				DRFT 1715	Applied Technical Math (3)	
				DRFT 2715	Applied Right Triangle Trigonometry for Drafting (3)	
					<b>Computer Requirement: (Choose One)</b>	<b>2-3</b>
CIS 1010	Intro to Computers *	<b>.50</b>	<b>3</b>	CIS 1010	Intro to Computers (3)	
				CIS 1011	Computer Fundamentals (2)	

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Area of Study: Skilled & Technical Sciences Education      Pathway: Drafting/CAD

High School				College		
Course CIP #	CTE Pathway Courses (credits for completion)	H.S. Credit	College Credits	Course #	College Major Course Requirements	College Credits
<b>Course #</b>	<b>Foundation Courses: (2.00 credits required)</b>	<b>Credit</b>				
15.1302	Architectural Drafting	1.00				
15.1301	Drafting & Design Technology	.50				
15.1302	Drafting/CAD	.50				
15.1306	Mechanical Drafting	1.00				
	<b>Elective Courses: (1.00 credit)</b>					
46.0201	Carpentry	1.00				
48.0503	Machine Tool	1.00				
48.0701	Woodworking	.50				
32.0199	Student Internship (Critical Workplace Skills)	.50				
	<b>Additional Articulated Classes</b>					
	The following classes are available to high school students at the Snow College Richfield Campus or as outreach programs in some districts within the Central Region.					
DRFT 1300	Basic AutoCAD **	1	3	DRFT 1300	Basic AutoCAD	3
DRFT 1010	Technical Drafting **	1	5	DRFT 1010	Technical Drafting	5
DRFT 1100	Architectural Drafting (Residential Design) **	1	3	DRFT 1100	Architectural Drafting (Residential Design)	3
				DRFT 1030	Pictorial/Presentation Drawing	3
				DRFT 1200	Mechanical Drafting/Assembly Drawings	3
				DRFT 1310	Advanced AutoCAD	4
				DRFT 1400	Topographical Drafting	3
				DRFT 1715	Applied Technical Math	3
				DRFT1581	Skills USA Level 1	.50
				DRFT 1582	Skills USA Level 2	.50
				DRFT 2020	Technical Illustration	2
					<b>Credit hours required from the following elective courses</b>	<b>24.5</b>
				ACOM 2721	Architectural Rendering (3)	

				BMGT 1270	Sales and Customer Service (3)	
				BMGT 1320	Applied Business Math (3)	
				BUED 2200	Business Communication (3)	
				DRFT 1007	Principles of Technology I (2)	
				DRFT 1008	Principles of Technology I (2)	
				DRFT 1410	Basic Surveying (3)	
				DRFT 1715	Applied Technical Math (3)	
				DRFT 1999	Cooperative Educational Experience (1-6)	
				DRFT 2010	Descriptive Geometry (3)	
				DRFT 2100	Architectural Drafting (Residential Construction Documents) (4)	
				DRFT 2120	Bidding, Estimating, and Specifications (4)	
				DRFT 2150	Architectural Drafting (Commercial Construction Documents)(4)	
				DRFT 2180	Pipe Drafting (2)	
				DRFT 2320	Architectural Desktop AutoCAD (4)	
				DRFT 2330	Mechanical Desktop (4)	
				DRFT 2340	Parametric Modeling with AutoCAD Inventor (4)	
				DRFT 2350	3D Studio VIZ (4)	
				DRFT 2380	AutoLISP (2)	
				DRFT 2500	Electro-Mechanical Drafting (2)	
				DRFT 2715	Applied Right Triangle Trigonometry for Drafting (3)	
				DRFT 2800	Special Projects (1-2)	
				DRFT 2970	Special Mechanical Projects (2-5)	
				DRFT 2971	Special Residential Architectural Projects (2-5)	
				DRFT 2972	Special Commercial Architectural Projects (2-5)	
				DRFT 2973	Special Civil/Surveying Projects (2-5)	
				DRFT 2974	Special CAD Projects (2-5)	
<b>TOTAL Potential Credits Earned in High School</b>			<b>21</b>	<b>TOTAL Credits Required for Degree or Certificate</b>		<b>63.5-66.5</b>

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